

# STATEMENT OF WORK

Statements of Work for remote sensing products define the bounds of the study area, the platforms, required degree of accuracy, scale of imagery and resulting products, and processing that adds value (and costs) to the basic imagery. Properly written SOWs can eliminate misunderstanding and allow for periodic checks throughout the project. They are also useful for reviewing a completed project or for resolving conflicts between the customer and contractor.

The following SOW examples include tasks common to most aerial photography and or satellite imagery acquisition efforts:

## U.S. Army Construction Engineering Laboratories (USACERL)

### STATEMENT OF WORK

#### **Image Scans Inc. Scanning Services**

**1. INTRODUCTION:** The Land Condition Trend Analysis (LCTA) program is a natural resource assessment tool on U.S. Army training lands and has been under development for several years. LCTA data is collected from permanently marked vegetation/wildlife plots at each installation. Measurements are taken from these plots annually. Aerial Photography is an important component of LCTA research and development. Current research projects involving vegetation mapping at Fort Bliss require extensive interpretation and analysis of aerial photography. In order to utilize an image processing software environment in which imagery and ecological field data can be integrated and analyzed to accurately map and monitor changes in vegetation cover and other natural resources, current existing color positive photographs need to be scanned. Spectral demixing is a process that requires accurate radiometric scanning in the green, red, and near infrared wavelengths and USACERL is unable to provide this quality, scanning services need to be contracted.

**2. OBJECTIVES:** The objective of this purchase order is to purchase scanning services for 109 color positive aerial photographs, format digital photos to an .img format and provide data on CD-ROMs.

**3. MAJOR REQUIREMENTS:** Scan color positive aerial photos and provide data in an .img format on CD-ROMs.

**4. TASK DEFINITION:** In order to accomplish the work under this purchase order, the contractor shall complete the following tasks:

*TASK 1: Scanning.* The contractor shall scan 109 color infrared positive aerial photographs at 25u. Photos will be provided to contractor on rolls.

*TASK 2: Formatting.* The contractor shall provide digital scans in an .img format.

*TASK 3: Provide Media.* The contractor shall supply digital scans on CD-ROM.

**5. GOVERNMENT FURNISHED INFORMATION/ EQUIPMENT:** The government will provide rolls of positive color infrared aerial photography and instructions that indicate which photos to scan.

**6. POC:** The U.S. Army Construction Engineering Research Laboratories technical POC is name and phone number. No government personnel, other than the contracting officer, shall have the authority to clarify technical points or supply relevant information. No requirement in these specifications may be altered as a sole result of such verbal clarification.

**7. MEETINGS AND REVIEWS:** None required

**8. REPORTS AND DELIVERABLES:** Summary

*TASK 1.* CD-ROMs containing all 109 digital scans at 25u in .img format shall be delivered within two weeks after the award.

**9. TRAVEL REQUIREMENTS:** None

**10. SPECIAL CONSIDERATIONS:**

**11. PERIOD OF SERVICE:** All work under this delivery order shall be completed within two weeks after award.

**12. LEVEL OF EFFORT:**

**13. VENDOR:**

Some Scanning, Inc.